INTERNATIONAL SEARCH REPORT



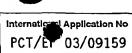
International Application No PCT/2 03/09159

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A. CLASSIF IPC 7	EICATION OF SUBJECT MATTER B01D19/04								
According to	International Patent Classification (IPC) or to both national classific	ation and IPC							
B. FIELDS 9									
	currentation searched (classification system followed by classification	on symbols)							
IPC 7	B01D								
Documentati	ion searched other than minimum documentation to the extent that s	such documents are inch	uded in the fields searched						
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)									
EPO-Int	ternal, WPI Data								
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C. DOCUME	ENTS CONSIDERED TO BE RELEVANT								
Category °	Citation of document, with indication, where appropriate, of the re	levant passages	Relevant to dalm No.						
Α	US 5 080 828 A (TERAE NOBUYUKI) 14 January 1992 (1992-01-14)								
A	DD 145 153 A (HOFFMANN KLAUS;GOL SIEGFRIED) 26 November 1980 (198								
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Fur	ther documents are listed in the continuation of box C.	X Patent famil	ly members are listed in annex.						
• Special c	• Special categories of cited documents: • T* later document published after the international filing date								
	nent defining the general state of the art which is not	or priority date a cited to understa	and not in conflict with the application but and the principle or theory underlying the						
"E" earlier	idered to be of particular relevance r document but published on or after the international	invention "X" document of part	lcular relevance; the claimed invention						
"L" docum	date nent which may throw doubts on priority_claim(s)_or	cannot be consi Involve an Inver	idered novel or cannot be considered to tive step when the document is taken alone						
which	h is cited to establish the publication date of another ion or other special reason (as specified)	cannot be consi	clcular relevance; the claimed invention idered to involve an inventive step when the						
O docur	ment referring to an oral disclosure, use, exhibition or r means	document is con ments, such con	mbined with one or more other such docu- mbination being obvious to a person skilled						
"P" docum	ment published prior to the international filing date but than the priority date claimed		In the art. "&" document member of the same patent family						
Date of the	Date of the actual completion of the international search Date of mailing of the international search report								
	12 December 2003	19/12/2003							
Name and	d malling address of the ISA	Authorized office	Authorized officer						
	European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk		•						
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